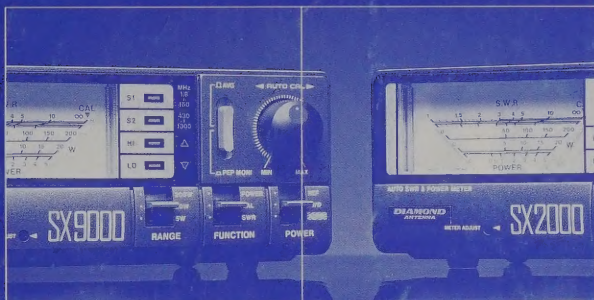
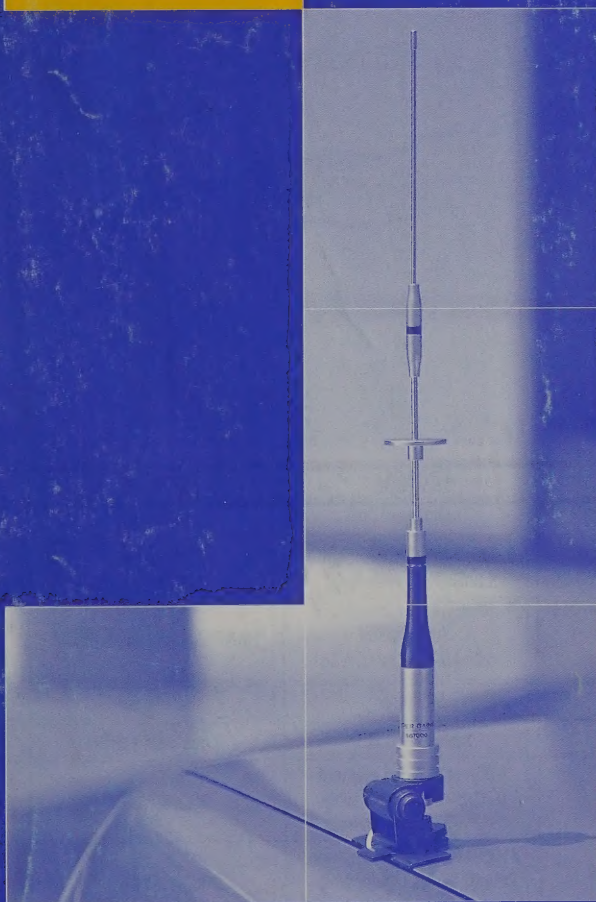


**DIAMOND**  
ANTENNA



# HAM WORLD

## ANTENNA & ACCESSORIES CATALOG



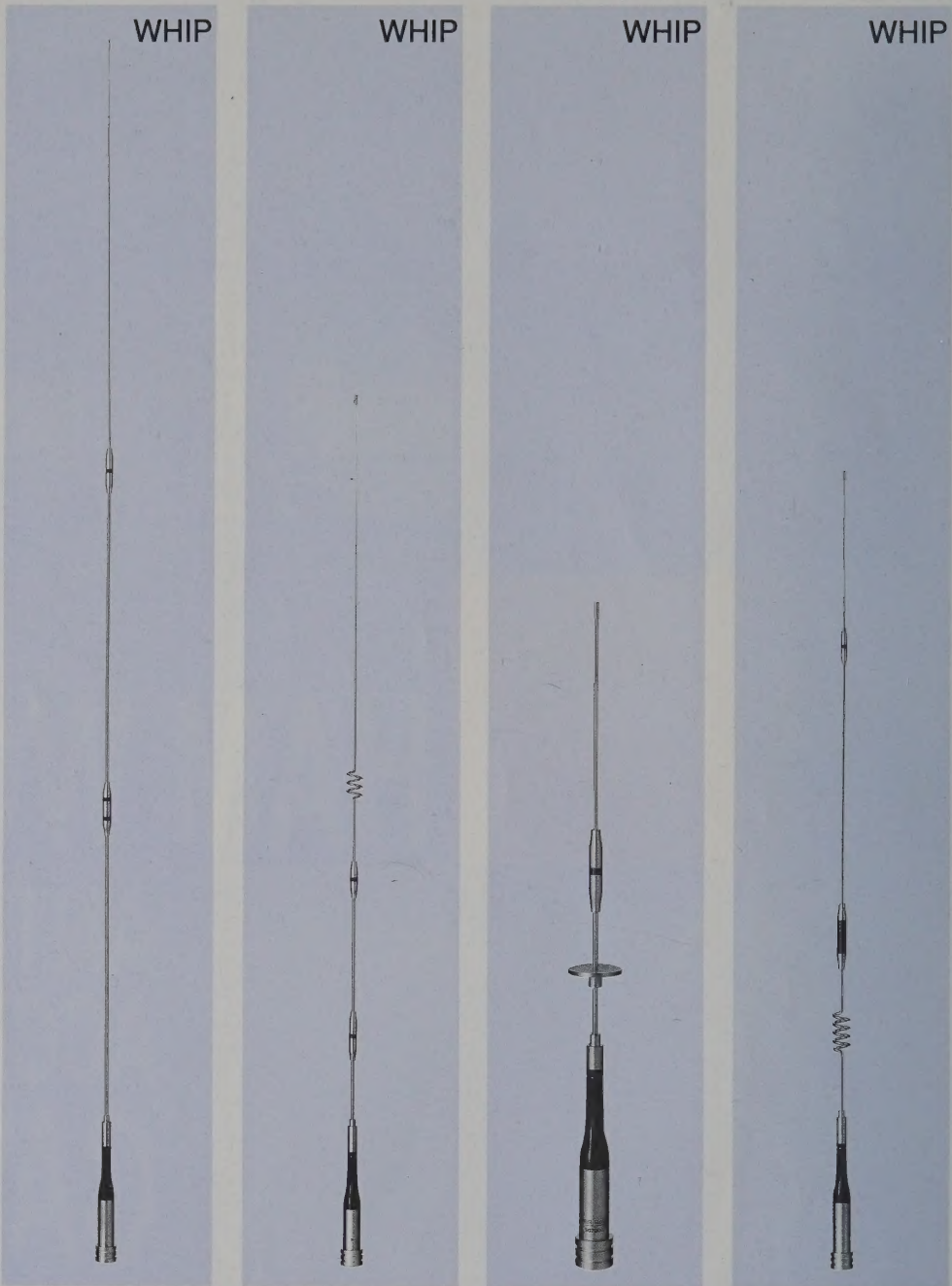


# SG

SERIES

# SUPER

# GAINER



	SG2000	SG4000	SG7000	SG7200
Frequency	2m	70cm	2m/70cm	2m/70cm
Gain	5.2dB	6.0dB(Two 5/8-wavelength) 3.8dB(6/8-wavelength)	2.15dBi(2m) 3.8dB(70cm)	3.2dB(2m) 5.7dB(70cm)
Max.power rating	150W	150W	100W(Sum of both bands)	150W(Sum of both bands)
Impedance	50 ohms	50 ohms	50 ohms	50 ohms
VSWR	Less than 1.5:1	Less than 1.5:1	Less than 1.5:1	Less than 1.5:1
Length	1.59m(62.6")	1.06m(41.7"):full element 0.47m(18.5"):lower whip element	0.47m(18.5")	0.96m(37.8")
Weight	400g(0.88 lbs.)	310g(0.68 lbs.):full element 260g(0.57 lbs.):lower whip element	280g(0.62 lbs.)	335g(0.74 lbs.)
Connector	UHF	UHF	UHF	UHF
Type	7/8-wavelength double C-Load radialless	Two 5/8-wavelength C-Load phased element radialless(full element length), 6/8-wavelength C-Load radialless (lower whip element only)	1/4-wavelength C-Load(2m), 6/8-wavelength C-Load radialless(70cm)	1/2-wavelength C-Load radialless(2m), Two 5/8-wavelength C-Load phased-element radialless(70cm)



WHIP

WHIP

WHIP

WHIP

## SUPER GAINER series Antenna Brackets



### K300M

SUPER GAINER series folding type gutter mount antenna bracket.

- Impedance: 50 ohms
- Coaxial cable: RG188A/U and 5DSFA-3.5m
- Connector: UHF jack - UHF plug



### K400M

SUPER GAINER series hutchback door/trunk lid mount antenna bracket.

- Impedance: 50 ohms
- Coaxial cable: RG188A/U and 5DSFA-5m
- Connector: UHF jack - UHF plug



### K540

SUPER GAINER series folding type carrier/mirror stay mount antenna bracket without cable assembly

SG7500	SG7900	SG9000	SG9500N
2m/70cm	2m/70cm	2m/70cm/33cm	2m/70cm/23cm
3.5dB(2m) 6.0dB(70cm)	5.0dB(2m) 7.6dB(70cm)	3.15dB(2m), 6.3dB(70cm) 8.7dB(33cm)	3.15dB(2m), 6.3dB(70cm) 9.7dB(23cm)
150W(Sum of both bands)	150W(Sum of both bands)	150W(2m), 100W(70cm) 50W(33cm) 150W(Sum of all bands)	100W(2m), 100W(70cm) 50W(23cm) 100W(Sum of all bands)
50 ohms	50 ohms	50 ohms	50 ohms
Less than 1.5:1	Less than 1.5:1	Less than 1.5:1	Less than 1.5:1
1.06m(41.7")	1.58m(62.2")	0.99m(39.0")	1.00m(39.4")
330g(0.73 lbs.)	600g(1.32 lbs.)	330g(0.73 lbs.)	320g(0.71 lbs.)
UHF	UHF	UHF	N
1/2-wavelength C-Load radialless(2m), Two 5/8-wavelength C-Load phased-element radialless(70cm)	7/8-wavelength double C-Load radialless(2m), Three 5/8-wavelength C-Load phased-element radialless(70cm)	1/2-wavelength C-Load radialless(2m), Two 5/8-wavelength C-Load phased-element radialless(70cm), Four 5/8-wavelength C-Load phased-element radialless(33cm)	C-Load radialless(2m), Two 5/8-wavelength C-Load phased-element radialless(70cm), Five 5/8-wavelength C-Load phased-element radialless(23cm)



# NR

## SERIES

# 1



WHIP

WHIP

	NR1100M	NR1100N	NR7700	NR-790
Frequency	2m/70cm/23cm	2m/70cm/23cm	2m/70cm	2m/70cm
Gain	2.15dBi(2m/70cm) 5.5dB(23cm)	2.15dBi(2m/70cm) 5.5dB(23cm)	3.0dB(2m) 5.5dB(70cm)	4.5dB(2m) 7.2dB(70cm)
Max.power rating	80W(2m/70cm),50W(23cm) 80W(Sum of all bands)	80W(2m/70cm),50W(23cm) 80W(Sum of all bands)	250W(2m) 200W(70cm) 250W(Sum of both bands)	120W
Impedance	50 ohms	50 ohms	50 ohms	50 ohms
VSWR	Less than 1.5:1	Less than 1.5:1	Less than 1.5:1	Less than 1.5:1
Length	0.39m(15.4")	0.39m(15.4")	1.00m(39.4")	1.46m(57.5")
Weight	180g(0.40 lbs.)	180g(0.40 lbs.)	430g(0.95 lbs.)	380g(0.84 lbs.)
Connector	UHF	N	UHF	UHF
Type	1/4-wavelength(2m), 1/2-wavelength radialless(70cm), Two 5/8-wavelength phased-element radialless(23cm)	1/4-wavelength(2m), 1/2-wavelength radialless(70cm), Two 5/8-wavelength phased-element radialless(23cm)	1/2-wavelength radialless(2m), Two 5/8-wavelength phased- element radialless(70cm)	6/8-wavelength C-Load radialless(2m), Three 5/8-wavelength C-Load phased-element radialless(70cm)



WHIP



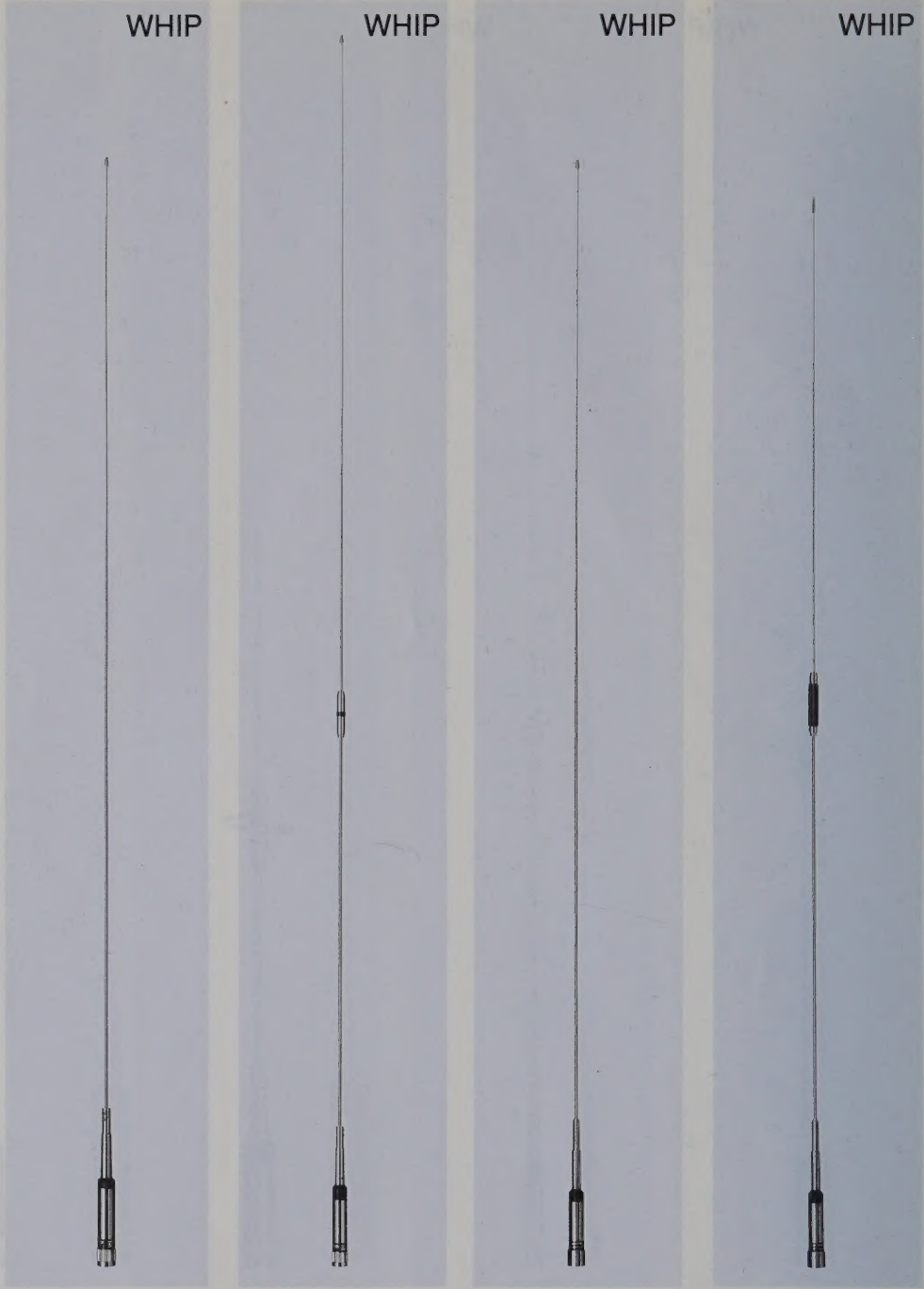
WHIP



WHIP

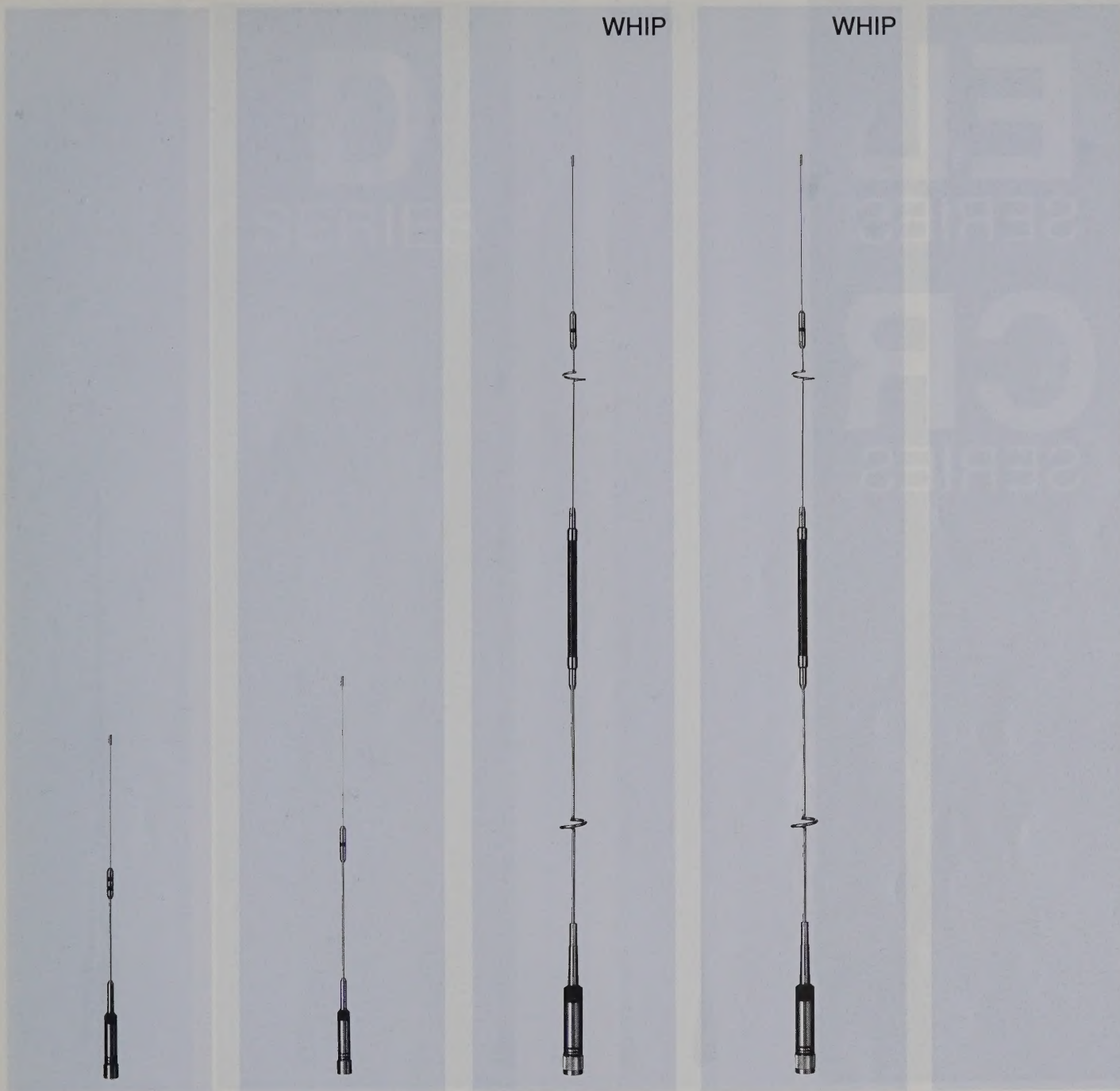


NR-770R	NR-770H	NR-770S	DP-NR7C	NR-22L
2m/70cm	2m/70cm	2m/70cm	70cm	2m
3.0dB(2m) 5.5dB(70cm)	3.0dB(2m) 5.5dB(70cm)	2.15dBi(2m) 2.15dBi(70cm)	3.8dB	6.5dB
200W(Sum of both bands)	200W(Sum of both bands)	100W	100W	100W
50 ohms	50 ohms	50 ohms	50 ohms	50 ohms
Less than 1.5:1	Less than 1.5:1	Less than 1.5:1	Less than 1.5:1	Less than 1.5:1
0.98m(38.6")	1.02m(40.2")	0.43m(16.9")	0.46m(18.1")	2.46m(96.9")
210g(0.46 lbs.)	250g(0.55 lbs.)	150g(0.33 lbs.)	140g(0.31 lbs.)	500g(1.1 lbs.)
UHF	UHF	UHF	UHF	UHF
1/2-wavelength radialless(2m), Two 5/8-wavelength phased- element radialless(70cm)	1/2-wavelength radialless(2m), Two 5/8-wavelength phased- element radialless(70cm)	1/4-wavelength(2m), 1/2-wavelength radialless(70cm)	C-Load radialless	Two 5/8-wavelength phased element radialless



	DP-NR2E	DP-NR2C	NR-02	NR-77
Frequency	2m	2m	2m	2m/70cm
Gain	2.15dBi	4.1dB	2.15dBi	3.0dB(2m) 5.5dB(70cm)
Max.power rating	200W	150W	50W	50W
Impedance	50 ohms	50 ohms	50 ohms	50 ohms
VSWR	Less than 1.5:1	Less than 1.5:1	Less than 1.5:1	Less than 1.5:1
Length	1.08m(42.5")	1.41m(55.5")	1.07m(42.1")	0.94m(37.0")
Weight	150g(0.33 lbs.)	200g(0.44 lbs.)	100g(0.22 lbs.)	100g(0.22 lbs.)
Connector	UHF	UHF	UHF	UHF
Type	1/2-wavelength radialless	C-Load radialless	1/2-wavelength radialless	1/2-wavelength radialless(2m), Two 5/8-wavelength phased-element radialless(70cm)





NR-77S	NR-07C	NR-900	NR900N	
2m/70cm	70cm	2m/70cm/33cm	2m/70cm/33cm	
2.15dBi(2m) 2.15dBi(70cm)	3.8dB	3.15dB(2m), 6.3dB(70cm) 8.7dB(33cm)	3.15dB(2m), 6.3dB(70cm) 8.7dB(33cm)	
50W	150W	200W(2m), 120W(70cm) 50W(33cm)	200W(2m), 120W(70cm) 50W(33cm)	
50 ohms	50 ohms	50 ohms	50 ohms	
Less than 1.5:1	Less than 1.5:1	Less than 1.5:1 (2m/70cm)	Less than 1.5:1 (2m/70cm)	
0.39m(15.4")	0.46m(18.1")	0.99m(39")	0.99m(39")	
80g(0.18 lbs.)	80g(0.18 lbs.)	260g(0.57 lbs.)	260g(0.57 lbs.)	
UHF	UHF	UHF	N	
1/4-wavelength(2m), 1/2-wavelength radialless(70cm)	C-Load radialless	C-Load radialless(2m), Two 5/8-wavelength Phased- element C-Load radialless(70cm), Four 5/8-wavelength C-Load phased-element radialless (33cm)	C-Load radialless(2m), Two 5/8-wavelength Phased- element C-Load radialless (70cm), Four 5/8-wavelength C-Load phased-element radialless (33cm)	



	DP-EL2E	DP-EL790	DP-EL770H	DP-CR2E
Frequency	2m	2m/70cm	2m/70cm	2m
Gain	4.5dB	4.5dB(2m) 7.2dB(70cm)	3.0dB(2m) 5.5dB(70cm)	1.7dB
Max.power rating	100W(PEP)	150W	120W	100W
Impedance	50 ohms	50 ohms	50 ohms	50 ohms
VSWR	Less than 1.5:1	Less than 1.5:1	Less than 1.5:1	Less than 1.5:1
Length	1.77m(69.7")	1.47m(57.9")	0.96m(37.8")	0.79m(31.1")
Weight	410g(0.9 lbs.)	350g(0.77 lbs.)	210g(0.46 lbs.)	150g(0.33 lbs.)
Connector	UHF	UHF	UHF	UHF
Type	7/8-wavelength	6/8-wavelength C-Load(2m), Three 5/8-wavelength C-Load phased-element(70cm)	5/8-wavelength bottom loaded(2m), Two 5/8-wavelength phased- element (70cm)	3/8-wavelength



# D SERIES

## WHIP



CR-77

2m/70cm

2.15dBi (2m)  
2.15dBi (70cm)

100W

50ohms

Less than 1.5:1

0.30m(11.8")

90g(0.2lbs.)

UHF

1/4-wavelength(2m),  
1/2-wavelength(70cm)

Frequency

Gain

Impedance

Length

Weight

Connector

Gain controller

AC adapter

Cross-family adapters

Coaxial cable

Mast diameter accepted

Type

D-505

500KHz-1500MHz

20dB(Max.)(50-1500MHz)

50 ohms

0.75m(29.5")

160g(0.35 lbs.)

UHF

attached

—

—

—

—

Mobile receiving antenna  
with built-in RF hybrid IC  
amplifier.

D-707E

500KHz-1500MHz

20dB(Max.)(50-1500MHz)

50 ohms

approx 1.1m(43.3")

1kg(2.2 lbs.); w/o cable

UHF

attached

— \*

SO-239-BNC

— 15m(RG58U)

30-62ø(1 1/5" to 2 2/5")

Fixed station receiving  
antenna with built-in RF  
hybrid IC amplifier.  
\* The other versions  
with 100V A/C adapter  
(D-707 / D-707C)

D-707CE

D-130

25-1300MHz

—

—

1.7m(66.9")

1kg(2.2 lbs.)

UHF

—

—

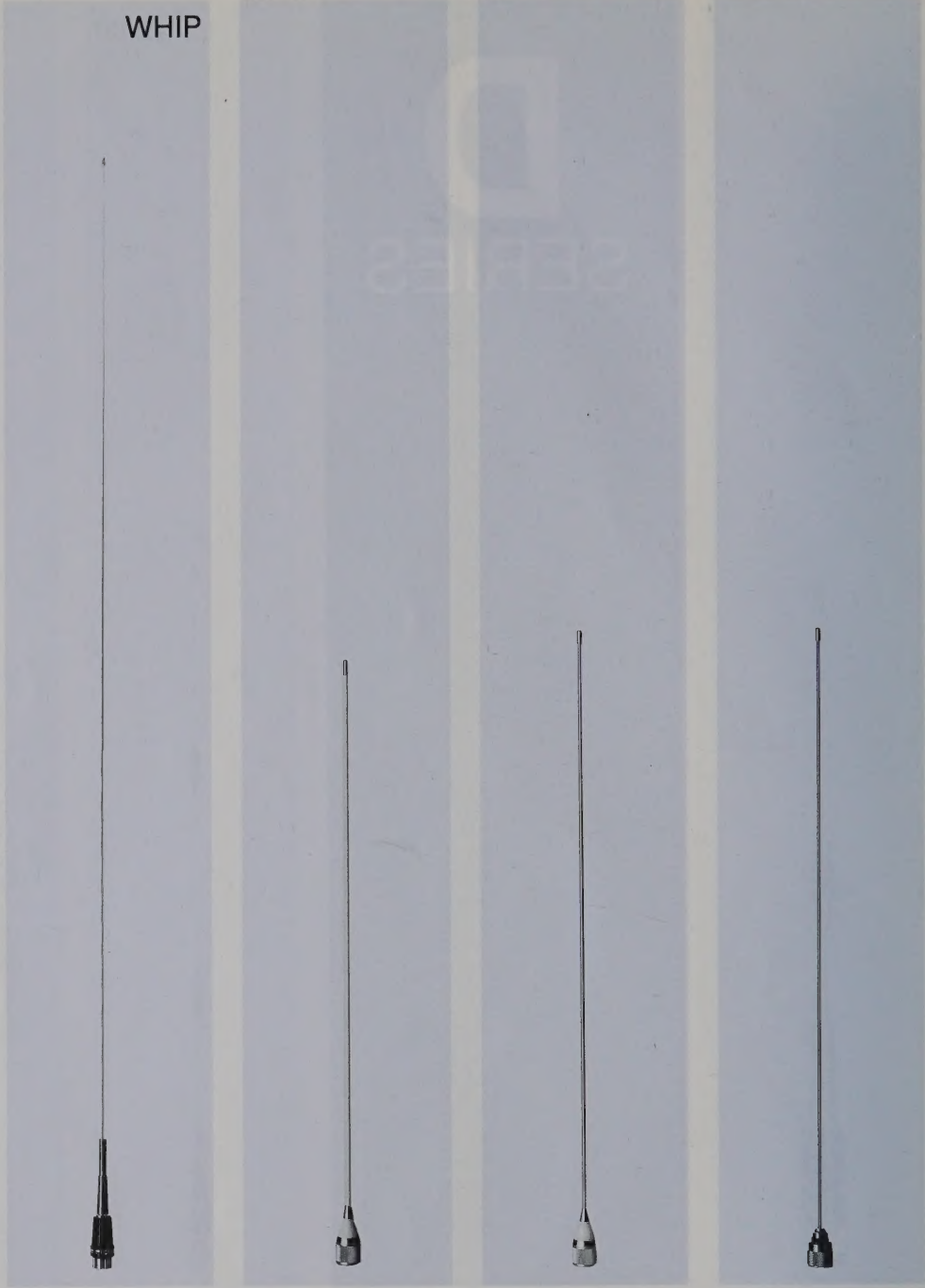
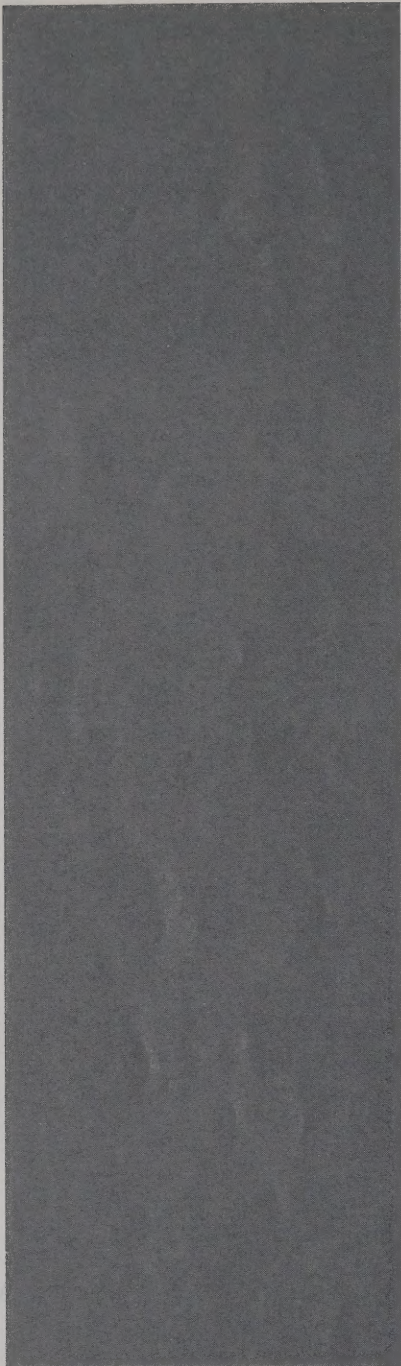
—

15m

25-50ø(1" to 2")

Super wideband  
omnidirectional  
discone antenna

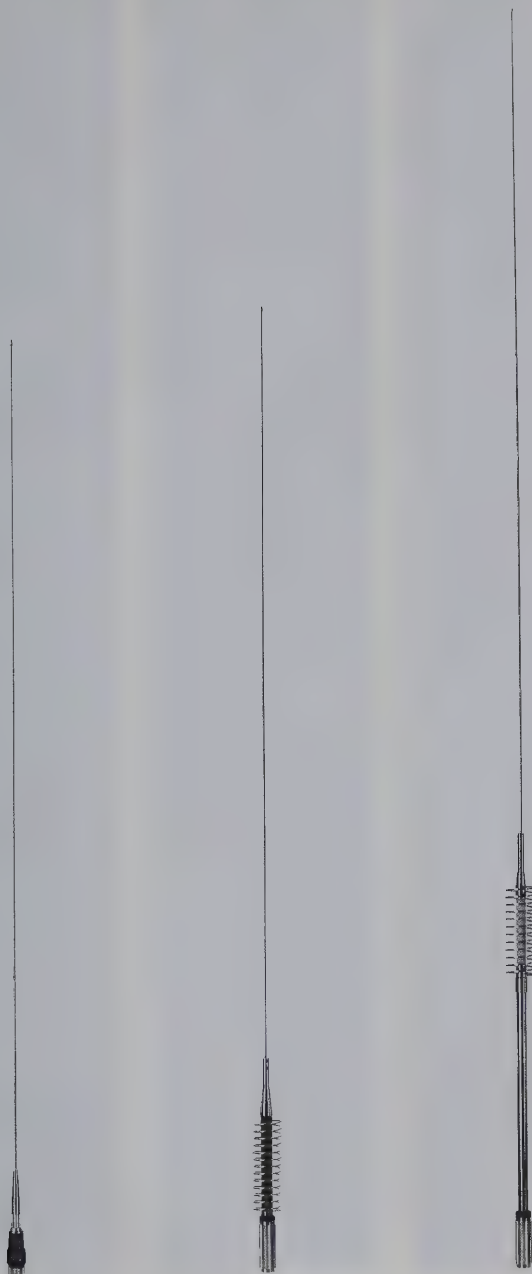




	DP-TRY2E	DP-2FE	DP-2HE	2LE
Frequency	2m	2m	2m	2m
Gain	3.4dB	—	—	—
Max.power rating	200W(CW)	200W	200W	200W
Impedance	50 ohms	50 ohms	50 ohms	—
VSWR	Less than 1.5:1	Less than 1.5:1	Less than 1.5:1	—
Length	1.32m(52")	0.46m(18.1")	0.49m(19.3")	0.49m(19.3")
Weight	200g(0.44 lbs.)	50g(0.11 lbs.)	60g(0.13 lbs.)	40g(0.09 lbs.)
Connector	UHF	UHF	UHF	UHF
Type	5/8-wavelength antenna which can be usable at 50MHz.	1/4-wavelength FRP whip antenna	1/4-wavelength stainless steel whip antenna	1/4-wavelength Suitable to use mobile for subantenna or direct installation to the back of a scanning receiver.



## WHIP



M-285	BIC-10S	BIC-10H	
2m.	10m	10m	
3.4dB	—	—	
200W	1KW	5KW	
50 ohms	50 ohms	50 ohms	
Less than 1.5:1	Less than 1.5:1	Less than 1.5:1	
1.33m(52.4")	1.63m(64.2")	1.87m(73.6")	
200g(0.44 lbs.)	450g(0.99 lbs.)	1170g(2.57 lbs.)	
UHF	UHF	UHF	
5/8-wavelength	1/4-wavelength base loading	1/4-wavelength center loading	

# SR SERIES

High performance  
mobile telephone  
type antennas



### SR-780

2m/70cm Dual band mobile telephone type antenna

- Gain: 2.15dBi(2m), 3.4dB(70cm)
- Max. power rating: 50W
- Impedance: 50 ohms
- VSWR: Less than 1.5:1
- Length: 0.44m(17.3")
- Weight: 330g(0.73 lbs.)
- Connector: UHF
- Type: 1/4-wavelength(2m), 5/8-wavelength(70cm). For trunk lid mount bracket.

### SR-211

2m Mobile telephone type antenna

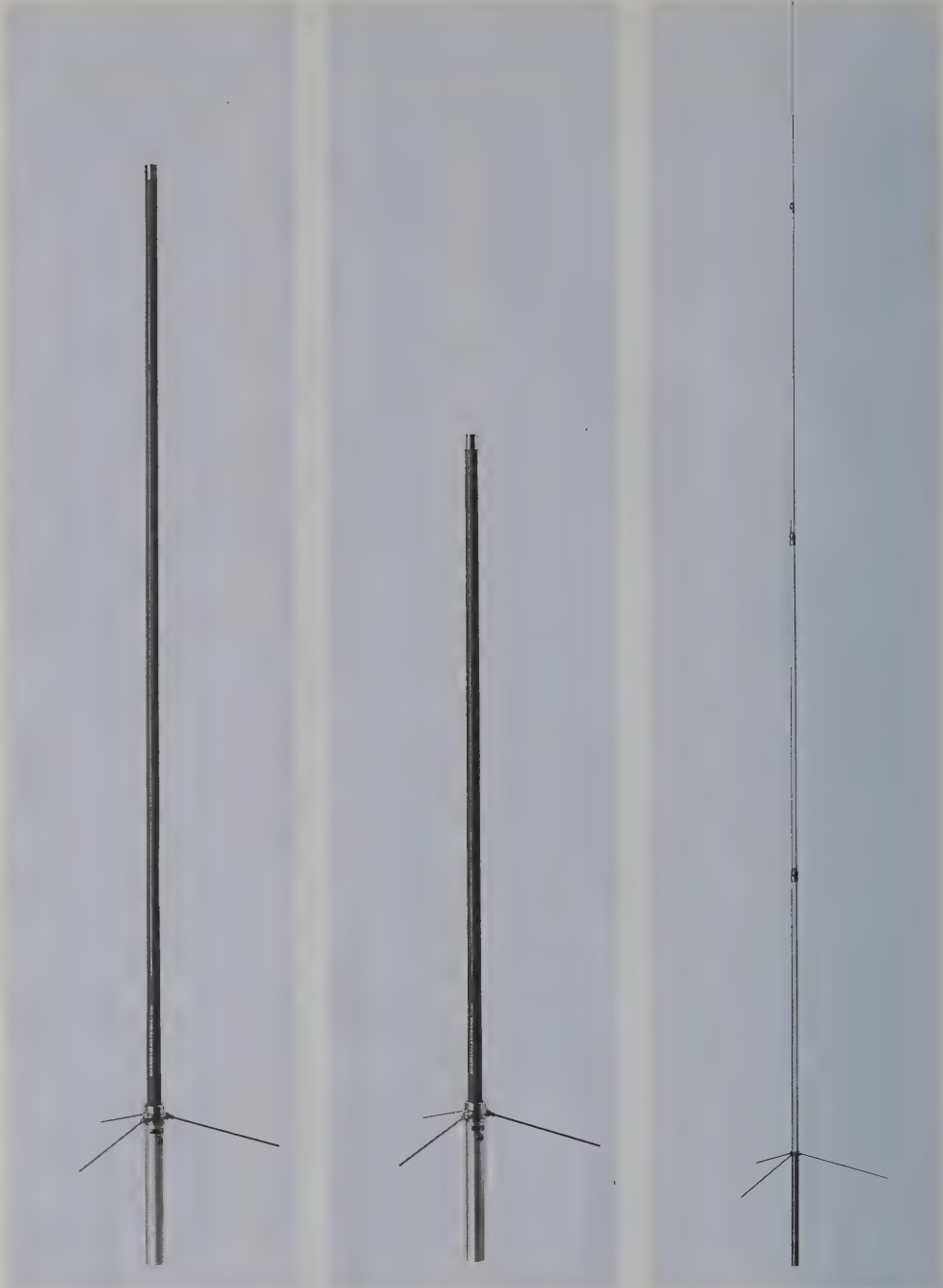
- Gain: 2.15dBi
- Max. power rating: 50W
- Impedance: 50 ohms
- VSWR: Less than 1.5:1
- Length: 0.44m(17.3")
- Weight: 330g(0.73 lbs.)
- Connector: UHF
- Type: 1/4-wavelength. For trunk lid mount bracket.

### SR900

2m/70cm/33cm Tri-band mobile telephone type antenna

- Gain: 2.15dBi
- Max. power rating: 30W(2m/70cm), 10W(33cm)
- Impedance: 50 ohms
- VSWR: Less than 1.5:1
- Length: 0.44m(17.3")
- Weight: 340g(0.75 lbs.)
- Connector: UHF
- Type: 1/4-wavelength(2m/70cm), 1/2-wavelength(33cm). For trunk lid mount bracket.





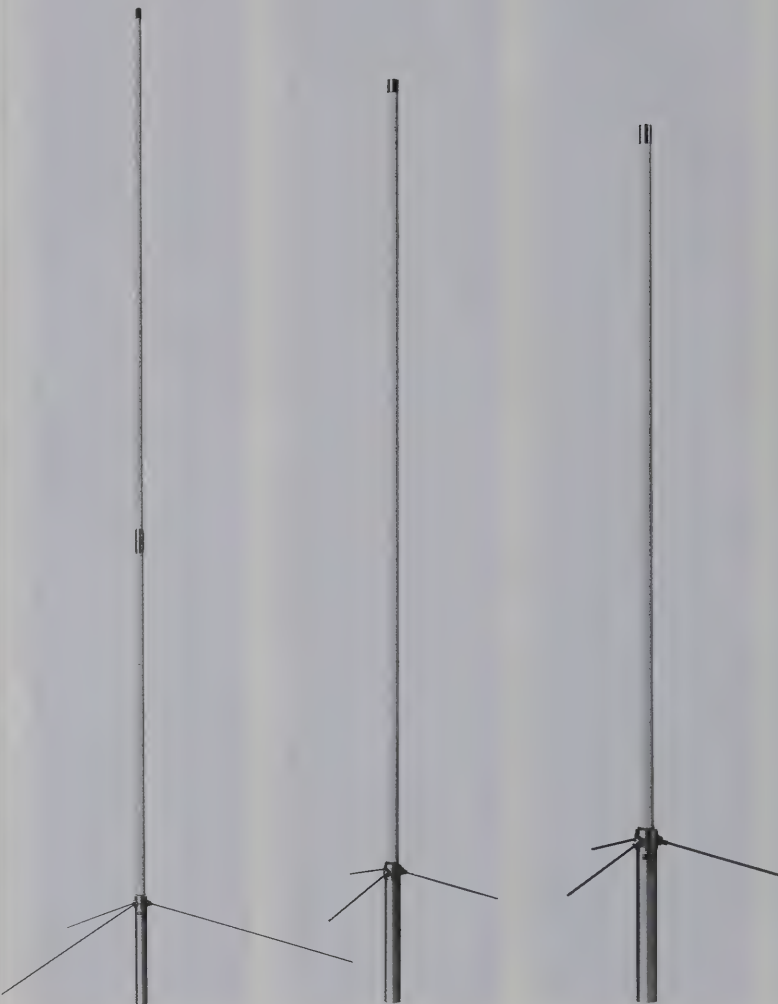
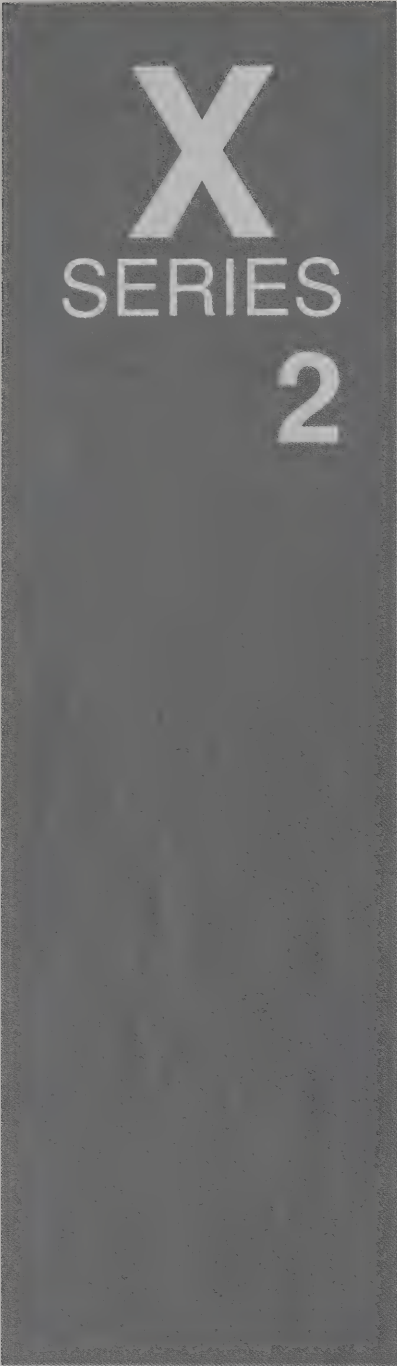
	X5000	X4000	X700H
Frequency	2m/70cm/23cm	2m/70cm/23cm	2m/70cm
Gain	4.5dB(2m), 8.3dB(70cm) 11.7dB(23cm)	3.15dB(2m), 6.3dB(70cm) 9.7dB(23cm)	9.3dB(2m) 13.0dB(70cm)
Max.power	100W(2m/70cm/23cm) sum of all bands 100W	100W(2m/70cm/23cm) sum of all bands 100W	200W
Impedance	50 ohms	50 ohms	50 ohms
VSWR	Less than 1.5:1	Less than 1.5:1	Less than 1.5:1
Length	1.8m(5.9')	1.3m(4.3')	7.2m(23.6')
Radial length	approx.19cm(7.5")	approx.19cm(7.5")	approx.52cm(20.5")
Weight	0.9kg(1.98 lbs.)	0.7kg(1.54 lbs.)	3.8kg(8.4 lbs.)
Rated wind velocity	60m/sec.(135MPH)	60m/sec.(135MPH)	40m/sec.(90MPH)
Mast diameter accepted	30-62ø(1 1/5" to 2 2/5")	30-62ø(1 1/5" to 2 2/5")	30-62ø(1 1/5" to 2 2/5") More than 45ø(1.77")diameter mast is recommended
Connector	N	N	UHF
Type	6/8-wavelength C-Load(2m), Three 5/8-wavelength phased element C-Load(70cm), Seven 5/8-wavelength phased element C-Load(23cm)	1/2-wavelength C-Load(2m), Two 5/8-wavelength phased element C-Load(70cm), Five 5/8-wavelength phased element C-Load(23cm)	Four 5/8-wavelength C-Load phased-element(2m), Eleven 5/8-wavelength C-Load phased-element(70cm)





X500H	X-500M	X-500	X400	X-300
2m/70cm	2m/70cm	2m/70cm	2m/70cm	2m/70cm
8.3dB(2m) 11.7dB(70cm)	8.3dB(2m) 11.7dB(70cm)	8.3dB(2m) 11.7dB(70cm)	7.9dB(2m) 11.0dB(70cm)	6.5dB(2m) 9.0dB(70cm)
200W	200W	200W	200W Sum of both bands	200W
50 ohms	50 ohms	50 ohms	50 ohms	50 ohms
Less than 1.5:1	Less than 1.5:1	Less than 1.5:1	Less than 1.5:1	Less than 1.5:1
5.4m(17.7')	5.2m(17.1')	5.2m(17.1')	approx.4.6m(15.1')	3.1m(10.2')
approx.52cm(20.5")	approx.52cm(20.5")	approx.52cm(20.5")	approx.52cm(20.5")	approx.52cm(20.5")
2.6kg(5.7 lbs.)	2.4kg(5.3 lbs.)	2.4kg(5.3 lbs.)	2.2kg(4.8 lbs.)	1.5kg(3.3 lbs.)
40m/sec.(90MPH)	40m/sec.(90MPH)	40m/sec.(90MPH)	40m/sec.(90MPH)	50m/sec.(112.5MPH)
30-62ø(1 1/5" to 2 2/5")	30-62ø(1 1/5" to 2 2/5")	30-62ø(1 1/5" to 2 2/5")	30-62ø(1 1/5" to 2 2/5")	30-62ø(1 1/5" to 2 2/5")
UHF	UHF	N	UHF	UHF
Three 5/8-wavelength C-Load phased-element(2m), Eight 5/8-wavelength C-Load phased-element(70cm)	Three 5/8-wavelength C-Load phased-element(2m), Eight 5/8-wavelength C-Load phased-element(70cm)	Three 5/8-wavelength C-Load phased-element(2m), Eight 5/8-wavelength C-Load phased-element(70cm)	Three 5/8-wavelength C-Load phased-element(2m), Seven 5/8-wavelength C-Load phased-element(70cm)	Two 5/8-wavelength C-Load phased-element(2m), Five 5/8-wavelength C-Load phased-element(70cm)





	X-200	X-50	X-30	
Frequency	2m/70cm	2m/70cm	2m/70cm	
Gain	6.0dB(2m),8.0dB(70cm)	4.5dB(2m),7.2dB(70cm)	3.0dB(2m),5.5dB(70cm)	
Max.power rating	200W	200W	150W	
Impedance	50 ohms	50 ohms	50 ohms	
VSWR	Less than 1.5:1	Less than 1.5:1	Less than 1.5:1	
Length	2.5m(8.2')	1.7m(5.6')	1.3m(4.3')	
Radial length	approx.52cm(20.5")	approx.19cm(7.5")	approx.19cm(7.5")	
Weight	1.2kg(2.6 lbs.)	0.9kg(2.0 lbs.)	0.8kg(1.8 lbs.)	
Rated wind velocity	50m/sec.(112.5MPH)	60m/sec.(135MPH)	60m/sec.(135MPH)	
Mast diameter accepted	30-62ø(1 1/5" to 2 2/5")	30-62ø(1 1/5" to 2 2/5")	30-62ø(1 1/5" to 2 2/5")	
Connector	UHF	UHF	UHF	
Type	Two 5/8-wavelength phased-element(2m), Four 5/8-wavelength phased-element(70cm)	6/8-wavelength C-Load (2m), Three 5/8-wavelength C-Load phased-element(70cm)	1/2-wavelength (2m), Two 5/8-wavelength phased-element(70cm)	





	F-23	F-22	F-718	V-2000
Frequency	2m	2m	70cm	6m/2m/70cm
Gain	7.8dB	6.7dB	11.5dBi	2.15dBi(6m),6.2dB(2m) 8.4dB(70cm)
Max.power rating	200W	200W	250W	150W
Impedance	50 ohms	50 ohms	50 ohms	50 ohms
VSWR	Less than 1.5:1	Less than 1.5:1	Less than 1.5:1	Less than 1.5:1
Length	4.6m(15.1')	3.2m(10.5')	4.6m(15.1')	2.5m(8.2')
Radial length	approx.52cm(20.5")	approx.52cm(20.5")	approx.19cm(7.5")	approx.92cm(36.2")
Weight	1.6kg(3.5 lbs.)	1.3kg(2.9 lbs.)	1.7kg(3.7 lbs.)	1.2kg(2.6 lbs.)
Rated wind velocity	40m/sec.(90MPH)	50m/sec.(112MPH)	40m/sec.(90MPH)	50m/sec.(112MPH)
Mast diameter accepted	30-62ø(1 1/5" to 2 2/5")	30-62ø(1 1/5" to 2 2/5")	30-62ø(1 1/5" to 2 2/5")	30-62ø(1 1/5" to 2 2/5")
Connector	UHF	UHF	N	UHF
Type	Three 5/8-wavelength phased-element	Two 7/8-wavelength phased-element	Eighteen 1/2-wavelength phased-element	1/2-wavelength C-Load (6m), Two 5/8-wavelength C-Load phased-element(2m), Four 5/8-wavelength C-Load phased-element(70cm)





	SE-50	DP-GH10
Frequency	2m/70cm	10m
Gain	4.5dB(2m),7.2dB(70cm)	3.0dB
Max.power rating	100W	300W
Impedance	50 ohms	50 ohms
VSWR	Less than 1.5:1	Less than 1.5:1
Length	2.0m(6.7')	5.6m(18.4')
Radial length	—	approx.60cm(23.6")
Weight	0.8kg(1.8 lbs)	2.6kg(5.7 lbs)
Rated wind velocity	60m/sec.(135MPH)	35m/sec.(78.8MPH)
Mast diameter accepted	30-62ø(1 1/5" to 2 2/5")	25-42ø(1" to 1 3/5")
Connector	UHF	UHF
Type	6/8-wavelength C-Load (2m), Three 5/8-wavelength C-Load phased-element(70cm)	1/2-wavelength



# PU

Indoor  
portable antenna



**PU77**  
Frequency : 2m/70cm  
Max.power rating : 30W  
Impedance : 50 ohms  
Length : 0.22m(8.66")  
Weight : 250g(0.55lbs.) coaxial cable included.  
Connector : UHF  
Type : 1/4-wavelength Base loading(2m)  
: 1/4-wavelength(70cm)  
: With a radial code  
Coaxial Cable : 3.5DQEFV-4m  
Attachments : velcro tape wire clips

**PU77B**  
Frequency : 2m/70cm  
Max.power rating : 30W  
Impedance : 50 ohms  
Length : 0.22m(8.66")  
Weight : 250g(0.55lbs.) coaxial cable included.  
Connector : BNC  
Type : 1/4-wavelength Base loading (2m)  
: 1/4-wavelength (70cm)  
: With a radial code  
Coaxial Cable : 3.5DQEFV-4m  
Attachments : velcro tape wire clips



## W-8010(With 50 ohms balun )

80m/40m/20m/15m/10m  
Five-band trap dipole antenna  
●Max.power rating:1.2KW(PEP)  
●Length:19.2m(63.0')  
●Weight:2.5kg(5.5lbs.)



## W-735(With 50 ohms balun)

80m/40m Dual-band trap dipole antenna  
●Max.power rating: 1.2KW(PEP)  
●Length:26m(85.3')  
●Weight:1.85kg(4.07 lbs.)

## W-721(With 50 ohms balun)

40m/15m Dual-band trap dipole antenna  
●Max.power rating:1.2KW(PEP)  
●Length:12.4m(40.7')  
●Weight:1.2kg(2.6lbs.)

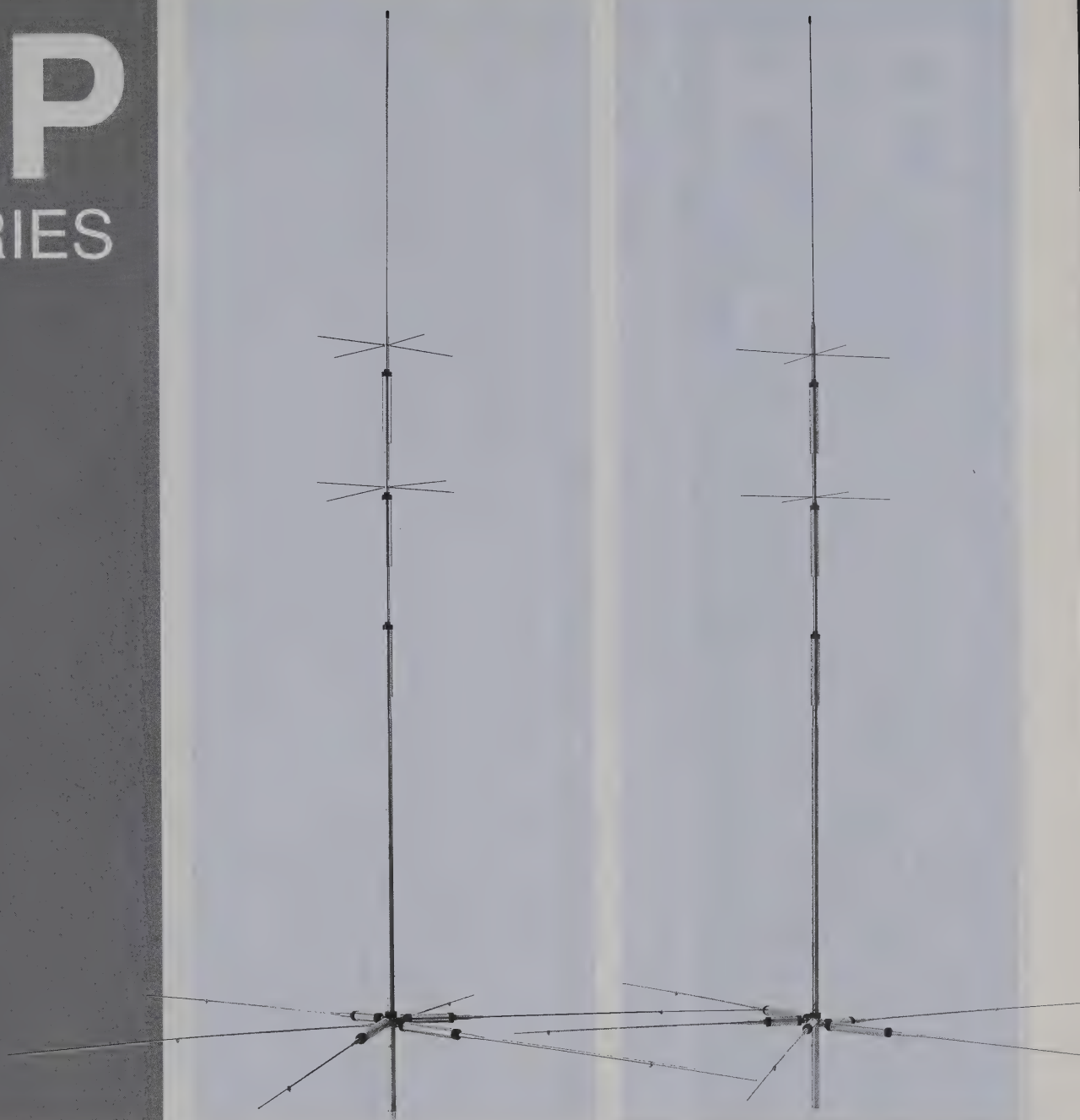
## BU-50

50 ohms Balun  
●Frequency:1.7~40MHz  
●Impedance:50 ohms  
●Max.power rating:1.2KW(PEP)





# CP SERIES

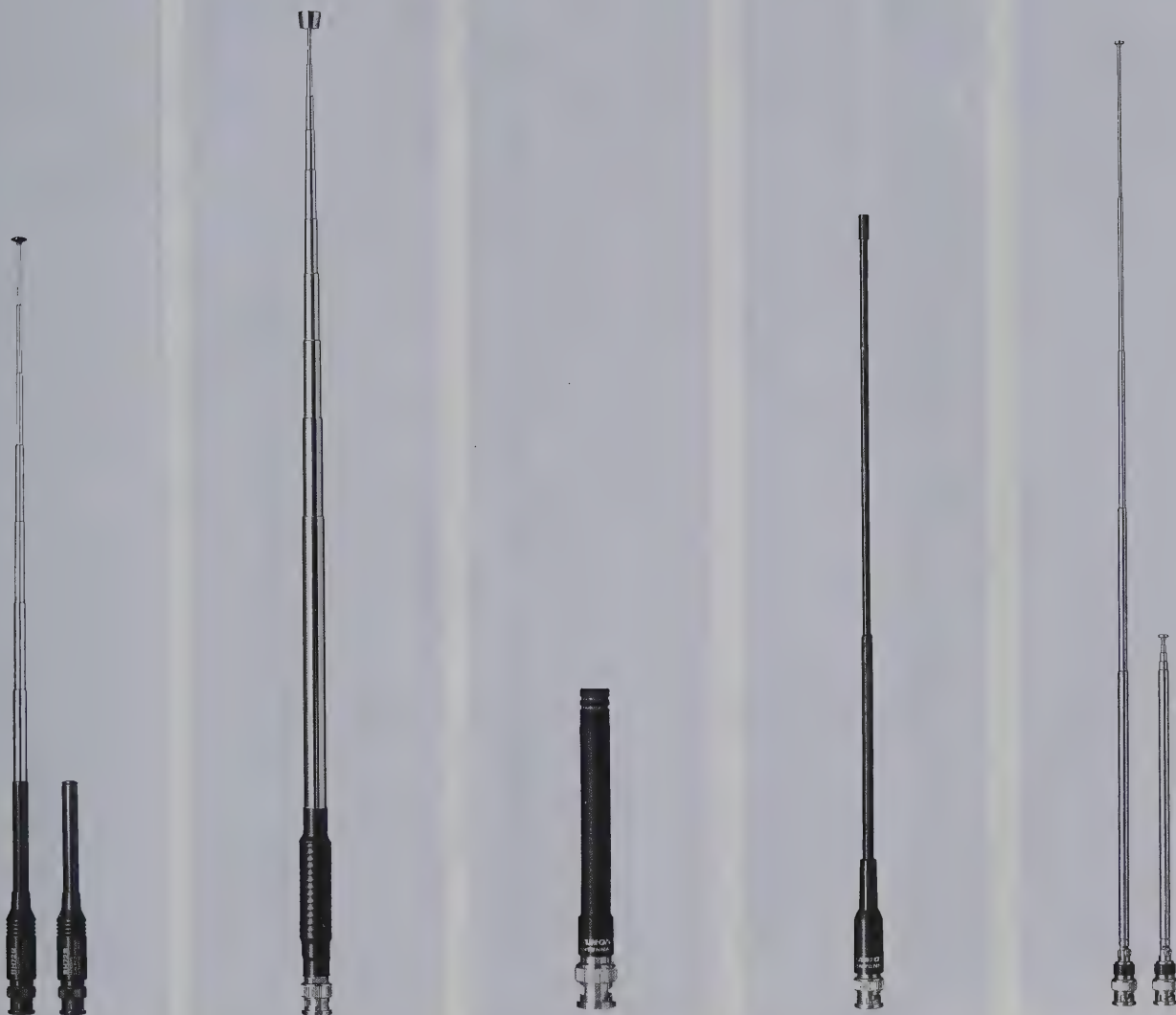


	CP-6	DP-CP5
Frequency	80m/40m/20m/15m/10m/6m	80m/40m/20m/15m/10m
Gain	—	—
Max.power rating	200W(SSB)	200W(SSB)
Impedance	50 ohms	50 ohms
VSWR	Less than 1.5:1	Less than 1.5:1
Length	4.6m(15.1')	4.6m(15.1')
Radial length	approx.1.8m(5.9')	approx.1.8m(5.9')
Weight	4.9kg(10.8 lbs.)	4.5kg(9.9 lbs.)
Rated wind velocity	40m/sec.(90MPH)	40m/sec.(90MPH)
Mast diameter-accepted	30-62ø(1 1/5" to 2 2/5")	30-62ø(1 1/5" to 2 2/5")
Connector	UHF	UHF
Type	6-band trap vertical antenna with trap radials	5-band trap vertical antenna with trap radials





	RH900	RH700	RH950	RH77B
Frequency	2m/70cm/33cm (1m/37cm)	2m/70cm (1m/37cm/33cm)	2m/70cm/23cm ( 2.5m )	2m/70cm
Gain	2.15dBi(2m), 3.8dB(70cm) 5.5dB(33cm)	—	2.15dBi(2m/70cm) 5.5dB(23cm)	2.15dBi(70cm)
Max.power rating	10W	10W	10W	50W
Impedance	50 ohms	50 ohms	50 ohms	50 ohms
VSWR	—	—	Less than 1.5:1	—
Length	49cm(19.3")	18.5cm(7.3")	36cm(14.2")	38cm/15.0"
Weight	80g(0.18 lbs.)	40g(0.09 lbs.)	63g(0.14 lbs.)	40g(0.09 lbs.)
Connector	BNC	BNC	BNC	BNC
Type	1/4-wavelength(2m), C-Load radialless(70cm), Two 5/8-wavelength C-Load phased-element radialless(33cm), Flexible	1/4-wavelength(2m/70cm) Flexible	1/4-wavelength(2m), 1/2-wavelength radialless (70cm),Two 5/8-wavelength phased-element(23cm) Flexible	1/4-wavelength(2m) 1/2-wavelength radialless (70cm), Flexible



RH72B	RH-205	DP-RH2SB	RH-77	RH-72
2m/70cm	2m	2m	2m/70cm	2m/70cm
2.15dBi(70cm)	—	—	2.15dBi(70cm)	—
50W	—	—	50W	—
50 ohms	—	50 ohms	—	—
—	—	—	—	—
38cm(15.0")	134cm(52.8")extended 23cm(9.1")retracted	10cm(3.9")	38cm(15")	53cm(20.9")max.2m 19cm(7.5")min.70cm
45g(0.1 lbs)	90g(0.2 lbs.)	25g(0.06 lbs.)	40g(0.09 lbs.)	30g(0.07 lbs.)
BNC	BNC	BNC	BNC	BNC
1/4-wavelength(2m) 1/2-wavelength radialless(70cm)	5/8-wavelength (If can also be used as a 1/4-wavelength)	Super mini size	1/2-wavelength radialless (70cm) Flexible	1/4-wavelength(2m/70cm)
—	10 stages	—	—	5 stages



# RH

## SERIES

### 2



	RH-770	DP-RH2B	DP-RH70B	DP-RH7SB
Frequency	2m/70cm	2m	70cm	70cm
Gain	3.0 dB(2m), 5.5dB(70cm)	—	3.8 dB	—
Max.power rating	20W	200W	50W	—
Impedance	50 ohms	50 ohms	50 ohms	50 ohms
VSWR	Less than 1.5:1	—	Less than 1.5:1	—
Length	93cm(36.6")	52cm(20.5")	44cm(17.3")	7cm(2.76")
Weight	85g(0.19 lbs)	68g(0.15 lbs.)	50g(0.1 lbs.)	20g(0.04 lbs.)
Connector	BNC	BNC	BNC	BNC
Type	1/2-wavelength radialless(2m), Two 5/8-wavelength, phased- element radialless(70cm), dual-band telescopic antenna	1/4-Wavelength Flexible	C-Load, Flexible	Super mini size



**DP-RH702B**

70cm

5.5dB(Two 5/8-wavelength  
phased-element),  
2.15dB(1/2-wavelength)

50W

50ohms

Less than 1.5:1

90cm(35.4") (Two 5/8-wavelength  
phased-element),  
39cm(15.4")  
(1/2-wavelength)

70g(0.15lbs.)  
(Two 5/8-wavelength  
phased-element)

BNC

Two 5/8-wavelength, whip  
(Full use),  
1/2-wavelength, whip  
(Single use),  
Dual-gain antenna

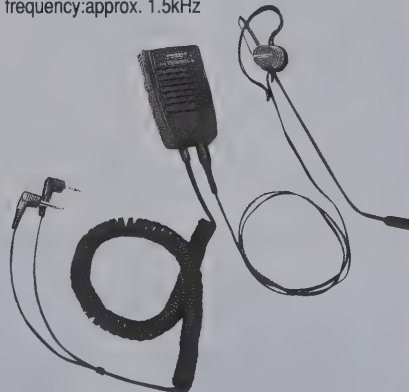
# EM



## EM11

Hand free earhanger type earset for handheld transceivers. Voice operated transmission.

- Earphone: 50mW, 35ohms
- Microphone: 2Kohms electret condenser microphone
- Power supply voltage: 3 ~ 5VDC
- Current: max. 800μA
- Battery life: approx. 150hours
- Tone signal frequency: approx. 1.5kHz



## EM20

Hand free earhanger type earset for handheld transceivers and speaker microphone

- Earphone: 50mW, 35ohms
- Microphone: 2Kohms electret condenser microphone
- Power supply voltage: 3 ~ 5VDC
- Current: max. 800μA
- Battery life: approx. 150hours
- Tone signal frequency: approx. 1.5kHz

# MCR



## MCR

Clip type base for handheld transceivers

- Coaxial cable: NL-1.5D-Q SUPER 2.5m
- Impedance : 50ohms
- Connector : BNC jack - BNC plug

# SM



## SM20

Speaker microphone for handheld transceivers

- Speaker: 0.2W, 8ohms
- Microphone: 2Kohms electret condenser microphone
- Power supply voltage: 3 ~ 5VDC
- Current: max. 1.2mA
- Battery life: approx. 150hours
- Tone signal frequency: approx. 1.5kHz



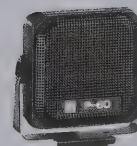
## SM30

Speaker microphone for handheld transceivers

- Speaker: 0.2kW, 8ohms
- Microphone: 2Kohms electret condenser microphone

# P

## Mobile speaker

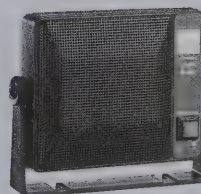


**P60**



**P70**

- With EAR PHONE JACK



**P80**

- With NOISE FILTER



**P100**

- With NOISE FILTER

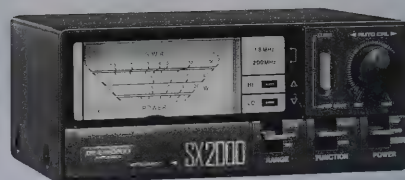




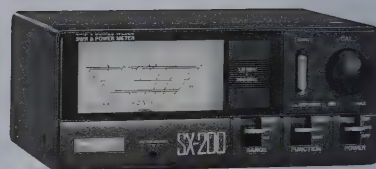
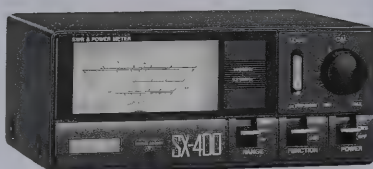
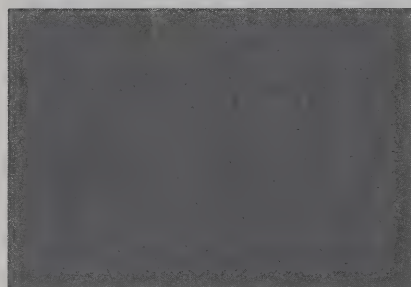
## AUTOMATIC



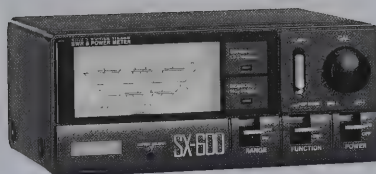
## AUTOMATIC



	SX9000 (2 Sensor / S1.S2)	SX2000
Frequency range	1.8-160MHz(S1), 430-1300MHz(S2)	1.8-200MHz
Power measurement range	0-200W (intermittent measurement)	0-200W (intermittent measurement)
Power display range	5W/20W/200W	5W/20W/200W
Accuracy of full scale	± 10%	5W RANGE ± 5% 20W RANGE ± 7.5% 200W RANGE ± 5% Add 15% of full scale at 160 to 200MHz
Minimum power at swr measurement	1W(S1), 2W(S2)	1W
Measurement range at swr measurement	1.0 - ∞	1.0 - ∞
Insertion loss	Less than 0.2dB(S1), Less than 0.15dB(S2)	Less than 0.15dB From 1.8-3.5MHz and 150-200MHz less than 0.2dB
Impedance	50 ohms	50 ohms
Connectors	UHF female(S1), N female(S2)	UHF female
Dimensions (W/H/D)	155x63(69)x103(135)mm 6.1"x2.5"(2.7")x4.1"(5.3") Values within ( ) are dimensions including projecting parts.	155x63(69)x103(130)mm 6.1"x2.5"(2.7")x4.1"(5.1") Values within ( ) are dimensions including projecting parts.
Weight	890g(2.0 lbs.)	540g(1.2 lbs)
Accessories	Operation instructions DC power cable	Operation instructions DC power cable



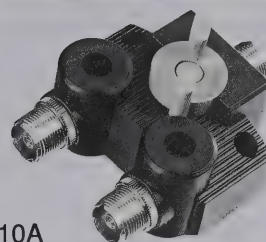
	SX-400	SX-200
Frequency range	140-525MHz	1.8-200MHz
Power measurement range	0-200W (intermittent measurement)	0-200W (intermittent measurement)
Power display range	5W/20W/200W	5W/20W/200W
Accuracy of full scale	5W RANGE ± 10%, 20W RANGE ± 5% 200W RANGE ± 5% Subtract 10% of full scale at 220 to 420MHz and add 10% of full scale at 450 to 525MHz	5W RANGE ± 5% 20W RANGE ± 7.5% 200W RANGE ± 5% Add 15% of full scale at 160 to 200MHz
Minimum power at swr measurement	4W	1W
Measurement range at swr measurement	1.0 - ∞	1.0 - ∞
Insertion loss	140-250MHz 0.1dB maximum, 400-470MHz 0.2dB maximum 470-525MHz 0.3dB maximum	0.15dB maximum 1.8-3.5MHz and 150-200MHz 0.2dB Maximum
Impedance	50 ohms	50 ohms
Connectors	UHF female	UHF female
Dimensions (W/H/D)	155x63x103mm (6.1"x2.4"x4.1")	155x63x103mm (6.1"x2.4"x4.1")
Weight	540g(1.19 lbs.)	540g(1.19 lbs.)
Accessories	Operation instructions DC power cable	Operation instructions DC power cable



SX-1000 (2 Sensor / S1.S2)	SX-600 (2 Sensor / S1.S2)
1.8-160MHz(S1), 430-1300MHz(S2)	1.8-160MHz(S1), 140-525MHz(S2)
0-200W (intermittent measurement)	0-200W (intermittent measurement)
5W/20W/200W	5W/20W/200W
± 10%	± 10%
1W(S1), 2W(S2)	1W(S1), 4W(S2)
1.0 - ∞	1.0 - ∞
0.2dB Maximum(S1), 0.15dB Maximum(S2)	0.2dB Maximum(S1), 0.3dB Maximum(S2)
50ohms	50ohms
UHF female(S1), N female(S2)	UHF female
155x63(69)x103(135)mm 6.1"x2.4"(2.7")x4.1"(5.3") Values within ( ) are dimentions including projecting parts	155x63(69)x103(135)mm 6.1"x2.4"(2.7")x4.1"(5.3")
890g(1.96lbs.)	630g(1.39lbs.)
Operation instructions DC power cable.	Operation instructions DC power cable.

## Coaxial switches

# CX SERIES Coaxial Switches

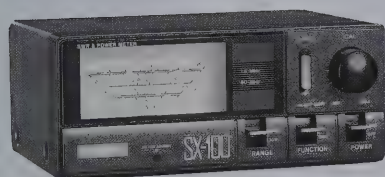


### CX-210A

Frequency range	: DC-1000MHz
Impedance	: 50 ohms
Input/output connectors	: UHF female
VSWR	: Less than 1.05:1 at DC-500MHz Less than 1.1:1 at 500-1000MHz
Insersion loss	: Less than 0.05dB at DC-500MHz, Less than 0.1dB at 500-1000MHz
Isolation (output terminated)	: More than 70dB at DC-200MHz more than 60dB at 200-1000MHz
Max.power rating	: 1.5kW
Dimensions	: 71Wx57Hx42Dmm (24/5"x22/5"x13/5")
Weight	: 440g(0.97lbs.)

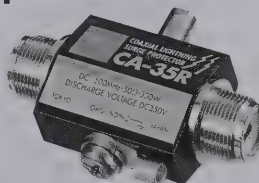
### CX-210N

Frequency range	: DC-3000MHz
Impedance	: 50 ohms
Input/output connectors	: N female
VSWR	: Less than 1.05:1 at DC-500MHz, Less than 1.1:1 at 500-1000MHz, Less than 1.15:1 at 1000-2000MHz Less than 1.2:1 at 2000-3000MHz
Insersion loss	: Less than 0.05dB at DC-500MHz, Less than 0.1dB at 500-1000MHz, Less than 0.15dB at 1000-2000MHz, Less than 0.2dB at 2000-3000MHz
Isolation (output terminated)	: More than 70dB at DC-200MHz, More than 60dB at 200-1000MHz, More than 55dB at 1000-2000MHz More than 50dB at 2000-3000MHz
Max.power rating	: 1.5kW
Dimensions	: 71Wx57Hx42Dmm (24/5"x22/5"x13/5")
Weight	: 440g(0.97lbs.)



SX-100
1.6-60MHz
0-3kw (intermittent measurement)
30W/300W/3KW
± 10%
3W
1.0 - ∞
0.1dB maximum
50ohms
UHF female
155x63x103mm (6.1"x2.4"x4.1")
640g(1.14lbs)
Operation instructions DC power cable

## Surge protectors



### CA-35R

Frequency range	: DC-500MHz
Impedance	: 50 ohms
Input/output connectors	: UHF female
VSWR	: Less than 1.1:1
Insersion loss	: Less than 0.1dB
Max.powerrating	: 400W(PEP)
Dimensions	: 68Wx42.5Hx20Dmm (23/5"x13/5"x4/5")
Weight	: 80g(0.18lbs.)



### CA-23R

Frequency range	: DC-1500MHz
Impedance	: 50ohms
Input/output connectors	: N female
VSWR	: Less than 1.1:1
Insersion loss	: Less than 0.1dB
Max.power rating	: 200W(PEP)
Dimensions	: 74Wx42.5Hx20Dmm (31/5"x13/5"x4/5")
Weight	: 100g(0.25lbs.)



# GS SERIES

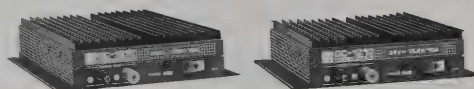
## GS series high performance DC power supplies



	GS-3000V	GS-3000
Input voltage	100VAC(50/60Hz)	100VAC(50/60Hz)
Output voltage	9-15VDC variable	13.8VDC fixed
Max. output current	30A continuous	30A continuous
Weight	11kg(22.0lbs.)	11kg(22.0lbs.)
Dimensions (W x H x D)	256x134x274mm (10 1/10"x5 1/4"x10 3/4")	256x134x274mm (10 1/10"x5 1/4"x10 3/4")
Type	Built-in DC cooling fan	Built-in DC cooling fan

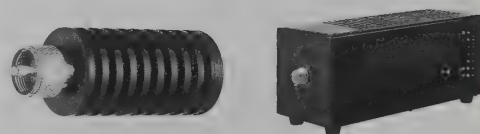
# GC SERIES

## DC to DC converters



	GC-1215	GC-1210
Input voltage	20-30VDC	20-30VDC
Output voltage	13.8VDC $\pm 0.5V$	13.8VDC $\pm 0.5V$
Max. output current	15A	10A
Dimensions (W x H x D)	172x42x250mm (6 4/5"x1 3/5"x9 4/5")	172x42x180mm (6 4/5"x1 3/5"x7")
Type	Perfect protection circuit High performance DC-DC converter	Perfect protection circuit High performance DC-DC converter

# Dummy loads



	DL-30A	DL1000
Frequency range	DC-500MHz	DC-500MHz
Power rating	15W(average), 100W(peak)	200W(average), 1KW(peak)
VSWR	Less than 1.15:1	Less than 1.1:1(450MHz) Less than 1.2:1(500MHz)
Input connector	UHF male	UHF female receptacle
Dimensions	30øx75Lmm (1.9"x3.0")	100Wx100Hx255Dmm (3.9"x3.9"x10.0")

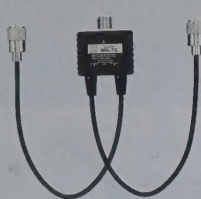

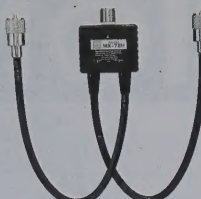

# MX series Duplexer


Passband width
Power rating
Insertion loss (in amateur bands)
Input isolation (in amateur bands)
Impedance
VSWR (in amateur bands)
Connectors
Coaxial cable
Dimensions (W x H x D)
Weight

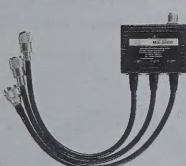
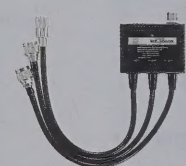



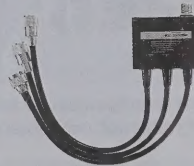
# MX series Triplexer

Passband width
Power rating
Insertion loss (in amateur bands)
Input isolation (in amateur bands)
Impedance (in amateur bands)
VSWR (in amateur bands)
Connectors
Coaxial cable
Dimensions (W x H x D)
Weight



			
MX-72	MX-72N	MX-72H	MX-72D
LPF:1.6-225MHz, HPF:340-1000MHz			
1.6-30MHz:400W(CW)•1KW(PEP) 140-150MHz:150W(CW)•400W(PEP), 400-460MHz:100W(CW)•250W(PEP)			
LPF:Less than 0.25dB HPF:Less than 0.4dB	LPF:Less than 0.15dB HPF:Less than 0.25dB		LPF:Less than 0.1dB HPF:Less than 0.2dB
More than 55dB	More than 60dB		
50 ohms			
Less than 1.2:1			
MIX:UHF LPF:UHF HPF:UHF	MIX:UHF LPF:UHF HPF:N	MIX:UHF LPF:UHF HPF:UHF	
RG58A/U(35cm)	5D-2VS(35cm)		Direct Type
46x25x57mm (1.8"x0.9"x2.2")			46x27x57mm (1.8"x1.1"x2.2")
200g(0.44 lbs.)	220g(0.48 lbs.)		180g(0.40 lbs.)


MX-2000
LPF:1.6-60MHz, BPF:110-170MHz, HPF:300-950MHz
LPF:800W(PEP) BPF:800W(PEP) HPF:500W(PEP)
LPF:Less than 0.15dB BPF:Less than 0.2dB HPF:Less than 0.25dB
More than 60dB
50ohms
Less than 1.2:1
MIX:UHF LPF:UHF BPF:UHF HPF:UHF
5D-2VS(35cm)
86x25x64mm (3.4"x1.0"x2.5")
360g(0.8 lbs.)

					
MX-3000	MX-3000N	MX-3000D	MX-3000DM	MX-3300DM	MX-3300MN
LPF:1.6-160MHz, BPF:350-500MHz, HPF:850-1300MHz					
LPF:800W(PEP) BPF:500W(PEP) HPF:200W(PEP)		LPF:800W(PEP) BPF:400W(PEP) HPF:200W(PEP)		LPF 800W(PEP) BPF 500W(PEP) HPF 200W(PEP)	
LPF:Less than 0.2dB BPF:Less than 0.3dB HPF:Less than 0.4dB		LPF:Less than 0.15dB BPF:Less than 0.25dB HPF:Less than 0.3dB		LPF:Less than 0.2dB BPF:Less than 0.3dB HPF:Less than 0.4dB	
More than 55dB					
50 ohms					50 ohms(in amateurband)
Less than 1.2:1					
MIX:N LPF:UHF BPF:UHF HPF:N	MIX:N LPF:UHF BPF:N HPF:N	MIX:N LPF:UHF BPF:UHF HPF:N	MIX:UHF LPF:UHF BPF:UHF HPF:UHF	MIX:UHF LPF:UHF BPF:UHF HPF:N	MIX:UHF LPF:UHF BPF:UHF HPF:N
5D-2VS(35cm)		Direct Type			5D-2VS 35cm
86x25x64mm (3.4"x0.98"x2.5")					86x25x64mm (3.4"x0.98"x2.5")
410g(0.90 lbs.)		310g(0.68 lbs)			385g(0.85 lbs)



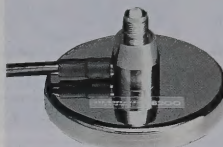
# OPTION



Antenna brackets for the M series antennas  
(Coaxial cable:RG196A/U-3.5DQEFA-5m)  
●MB100A Connector:TNC jack - UHF plug  
●MB100N Connector:TNC jack - N plug  
(Coaxial cable:RG58A/U-5m)  
●MB100B Connector:TNC jack - BNC plug



Gutter mount antenna bracket for the M series antennas  
(Coaxial cable:RG196A/U-3.5DQEFA-4m)  
●MB100GA Connector:TNC jack - UHF plug  
●MB100GN Connector:TNC jack - N plug



Magnet base bracket for the M series antennas  
(Coaxial cable:3.5DQEFA-4m)  
●MB200A Connector:TNC jack - UHF plug  
●MB200N Connector:TNC jack - N plug  
●MB200B Connector:TNC jack - BNC plug



Variable angle magnet base  
(Coaxial cable:3.5DQEFV-4m)  
●K704M Connector:UHF jack - UHF plug



Super Gainer series folding type gutter mount antenna bracket  
(Coaxial cable:RG188A/U-5DSFA-3.5m)  
●K300M Connector:UHF jack - UHF plug  
●K300 \* without cable assembly



Super Gainer series hutchback door/trunk lid mount antenna bracket  
(Coaxial cable:RG188A/U-5DSFA-5m)  
●K400M Connector:UHF jack - UHF plug  
●K400 \* without cable assembly



Super Gainer series folding type carrier/mirror stay mount antenna bracket  
●K540 \* without cable assembly



Variable angle trunk lid mount antenna bracket  
(Coaxial cable:RG188A/U-5DFV-5m)  
●K600M Connector:UHF jack - UHF plug  
●K600N Connector:N jack - N plug  
●K600P Connector:UHF jack - N plug  
(Coaxial cable:RG188A/U-3.5DQEFV-5m)  
●K604M Connector:UHF jack - UHF plug  
●K604N Connector:N jack - N plug  
●K604P Connector:UHF jack - N plug  
●K604B Connector:UHF jack - BNC plug



K series strong type antenna bracket  
●K11(Folding type, mobile gutter mount bracket)



K series strong type antenna bracket  
●K33(Folding type, mobile trunk lid mount bracket)



K series strong type antenna bracket  
●K44(Folding type, mobile rooftop carrier/mirror stay mount bracket)



K series one touch 9 step folding mobile gutter mount bracket  
(Coaxial cable:RG188A/U-5DFV-3.5m)  
●K10(Stainless steel, without cable assembly)  
●K10M Connector:UHF jack - UHF plug  
(Coaxial cable:RG188A/U-3.5DQEFV-3.5m)  
●K10B(Connector:UHF jack - BNC plug)



K series one touch 9 step folding mobile gutter mount bracket  
●K20(Stainless steel, clip type, without cable assembly)



K series one touch 9 step folding mobile trunk lid mount bracket  
(Coaxial cable:RG188A/U-5DFV-5m)  
●K30(Stainless steel, without cable assembly)  
●K30M Connector:UHF jack - UHF plug  
(Coaxial cable:RG188A/U-3.5DQEFV-5m)  
●K30B Connector:UHF jack - BNC plug



K series one touch 9 step folding mobile rooftop carrier/mirror stay mount bracket  
●K40(Stainless steel, without cable assembly)



K series simple type antenna bracket  
●K01(Stainless steel, mobile gutter mount bracket)



K series simple type antenna bracket  
●K02(Stainless steel, clip type, mobile gutter mount bracket)



K series simple type antenna bracket  
●K03(Stainless steel, mobile trunk lid mount bracket)

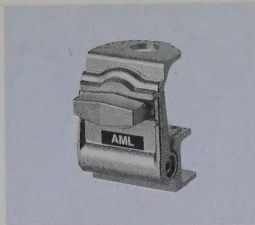


K series simple type antenna bracket  
●K04(Stainless steel, mobile rooftop carrier/mirror stay mount bracket)

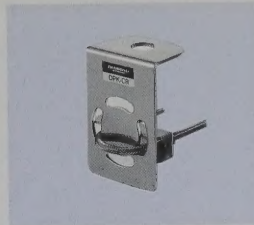




Mobile gutter mount antenna bracket  
stainless steel  
●BL



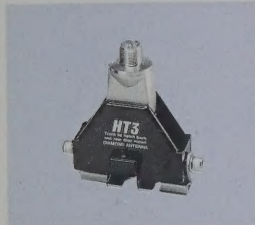
Folding type diecasting mobile gutter mount  
antenna bracket  
●AML



Carrier/mirror stay mount antenna bracket  
●DPK-CR



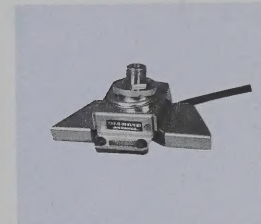
Trunk lid mount antenna bracket  
●DPK-TR \*without cable assembly



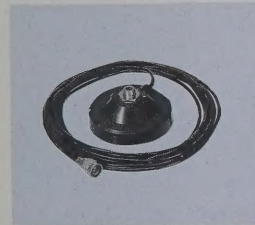
Universal base  
(Coaxial cable:RG188A/U-3.5DQEFV-5m)  
●HT3M Connector:UHF jack - UHF plug  
●HT3N Connector:N jack - N plug  
●HT3P Connector:UHF jack - N plug



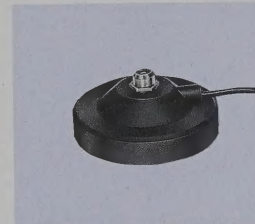
Super mobile trunk lid bracket and teflon coaxial cable (Stainless steel)  
(Coaxial cable:RG188A/U-5DFV-5m)  
●TE5M Connector:UHF jack - UHF plug  
●TE5N Connector:N jack - N plug  
●TE5P Connector:UHF jack - N plug  
●TE5MB Connector:UHF jack - UHF plug, black finish  
●TE5PB Connector:UHF jack - N plug, black finish



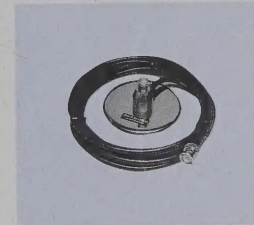
Variable angle mobile trunk lid antenna  
bracket (Stainless steel)  
(Coaxial cable:3.5DQEFV-5m)  
●TRF Connector:UHF jack - UHF plug  
●TRN Connector:N jack - N plug  
●TRP Connector:UHF jack - N plug  
(Coaxial cable:RG58A/U-5m)  
●TRA Connector:UHF jack - UHF plug



Strong magnet antenna base  
(Coaxial cable:3.5DQEFV-4m)  
●DPK-4NM-N Connector:N jack - N plug  
●DPK-4NM-M Connector:UHF jack - N plug  
(Coaxial cable:RG58A/U-4m)  
●DP-SPM Connector:UHF jack - UHF plug  
(Coaxial cable:5D2V-4m)  
●DP-SPM Connector:UHF jack - UHF plug



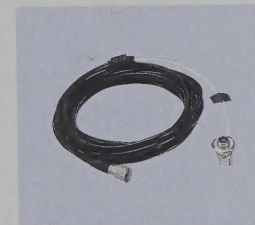
Super magnet antenna base  
(Coaxial cable:3.5DQEFV-4m)  
●SPM35 Connector:UHF jack - UHF plug



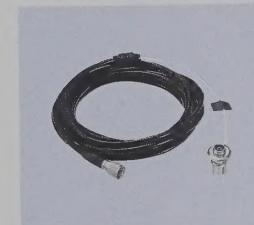
Magnet base bracket for handheld transceivers  
(Coaxial cable:RG58A/U-3m)  
●DP-MRX Connector:BNC jack - BNC plug



Mobile antenna bracket and coaxial cable  
(Coaxial cable:2D-Q-SUPER-1.5m)  
●2D1M Connector:UHF jack - UHF plug  
(Coaxial cable:2D-Q-SUPER-3.5m)  
●2D3M Connector:UHF jack - UHF plug  
●2D3B Connector:UHF jack - BNC plug  
(Coaxial cable:2D-Q-SUPER-5m)  
●2D5M Connector:UHF jack - UHF plug



Coaxial cables for mobile  
(Coaxial cable:RG188A/U-3.5DQEFV-5m)  
●FE54M Connector:UHF jack - UHF plug  
●FE54N Connector:N jack - N plug  
●FE54P Connector:UHF jack - N plug  
●FE54B Connector:UHF jack - BNC plug



Teflon coaxial cables for mobile  
(Coaxial cable:RG188A/U-5DFV-5m)  
●FE5M Connector:UHF jack - UHF plug  
●FE5N Connector:N jack - N plug  
●FE5P Connector:UHF jack - N plug



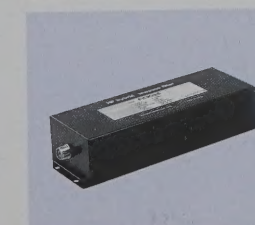
Coaxial cables for mobile gutter mount antenna bracket  
(Coaxial cable:3.5DQEFV-4m)  
●DPK-4EC Connector:N jack - N plug  
●DPK-4ECM Connector:UHF jack - N plug  
(Coaxial cable:5DFV-4m)  
●DPK-5EC Connector:N jack - N plug  
●DPK-5ECM Connector:UHF jack - N plug



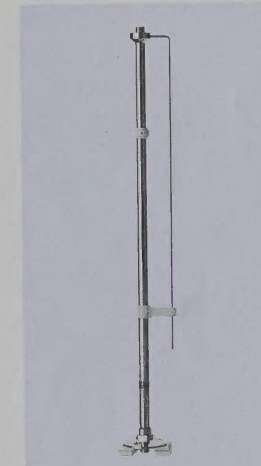
Super coaxial cable for mobile gutter mount antenna bracket  
(Coaxial cable:RG188A/U-3.5DQEFV-3.5m)  
●FE34M Connector:UHF jack - UHF plug  
●FE34N Connector:N jack - N plug  
●FE34P Connector:UHF jack - N plug  
●FE34B Connector:UHF jack - BNC plug



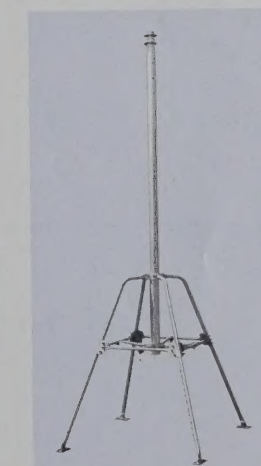
Setting fixture for UHF jack connector  
●DP-BDM



HF band hybrid lowpass filter  
●FX3025  
Frequency:1.6-30MHz, Max.power rating:2.5KW(CW),  
Impedance:50ohms,Insertion loss:0.4dB,  
Weight:1160g/2.56lbs., Connector:UHF jack



Extension mast with angled radial element for bumper mount bracket  
●AMH-L  
Frequency:2m/70cm, Impedance:50ohms,  
Length:0.9m/2.95', Weight:650g/1.43lbs.  
Connector:UHF jack  
●AMH  
Frequency:2m/70cm, Impedance:50ohms,  
Length:0.65m/2.13', Weight:500g/1.1lbs.  
Connector:UHF jack



Antenna pole  
●FP10A(Length:9.07m/29.8', 5 stages, aluminum)  
Bracket holder  
●FB4(Length:1.075m/3.52', Bottom  
width:90cm/2.95', Max.vertical  
load:400kg/880lbs., Weight:9.2kg/20.



## DIAMOND ANTENNA CORPORATION

Miyata Building., NO. 15-1,1-chome, Sugamo Toshima-ku Tokyo, Japan,  
Phone No(03)3947-1411 FAX No(03)3944-2981 Telex No.272 2420 DIATNA J cable address:DIANTNA

Printed in Japan

Vol. 1